

# Water Quality Characteristics by Water Quality Zone

## January 2003

Water Quality Parameter	WQZ	Mean	Median	Standard Deviation	Minimum	Maximum	Count	Coefficient of Variation
<b>Hardness ppm</b>	1	238	300	121.8	98	317	3	51%
	2	132	145	25.8	95	160	9	20%
	3	173	195	42.8	104	215	10	25%
	4	103	92	41.5	67	203	8	40%
	5	103	101	7.5	94	123	12	7%
	6	99	102	9.0	78	107	9	9%
	7	102	108	10.6	86	113	10	10%
	8	221	214	20.6	205	260	6	9%
	9	158	123	77.0	79	252	7	49%
	10	78	78	2.4	75	80	4	3%
	System Wide	133	107	57.4	67	317	78	43%
<b>TDS ppm</b>	1	392	381	128.8	178	548	10	33%
	2	295	301	27.1	254	332	27	9%
	3	337	395	98.7	168	443	34	29%
	4	254	248	59.5	183	408	25	23%
	5	253	248	15.3	232	287	36	6%
	6	243	252	22.3	205	271	28	9%
	7	217	217	18.8	179	255	29	9%
	8	379	381	45.3	271	445	21	12%
	9	335	313	89.3	202	484	23	27%
	10	207	206	3.7	202	212	13	2%
	System Wide	285	261	80.8	168	548	246	28%
<b>Sodium ppm</b>	1	43	45	2.9	40	45	3	7%
	2	46	46	1.2	44	48	9	3%
	3	49	53	10.0	32	58	10	20%
	4	39	38	10.5	28	55	8	27%
	5	41	40	3.8	38	48	12	9%
	6	41	43	7.8	25	48	9	19%
	7	29	27	6.5	22	46	10	23%
	8	43	43	1.2	42	45	6	3%
	9	45	46	5.4	37	53	7	12%
	10	38	38	1.5	37	40	4	4%
	System Wide	41	43	8.4	22	58	78	20%

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<i>pH units</i>	1	7.7	7.6	0.24	7.5	8.1	10	3%
	2	8.0	8.0	0.14	7.8	8.3	27	2%
	3	7.8	7.8	0.20	7.3	8.2	34	3%
	4	7.9	7.9	0.18	7.5	8.3	25	2%
	5	8.0	8.1	0.22	7.4	8.3	36	3%
	6	8.0	8.0	0.19	7.6	8.4	28	2%
	7	7.9	7.9	0.15	7.7	8.2	29	2%
	8	7.5	7.5	0.17	7.2	7.9	21	2%
	9	7.5	7.5	0.22	7.2	7.9	23	3%
	10	7.8	7.9	0.19	7.4	8.0	13	2%
	System Wide	7.8	7.9	0.26	7.2	8.4	246	3%
<i>Chlorine ppm</i>	1	0.7	0.7	0.19	0.3	1.0	10	28%
	2	0.9	0.9	0.13	0.5	1.2	27	15%
	3	0.8	0.9	0.13	0.6	1.0	34	16%
	4	0.9	0.9	0.19	0.1	1.0	25	22%
	5	0.9	0.9	0.08	0.7	1.1	36	9%
	6	0.9	0.9	0.13	0.5	1.0	28	14%
	7	0.8	0.8	0.10	0.5	0.9	29	12%
	8	0.8	0.8	0.09	0.7	1.0	21	11%
	9	0.8	0.8	0.13	0.6	1.2	23	16%
	10	0.9	0.9	0.06	0.8	1.0	13	6%
	System Wide	0.9	0.9	0.13	0.1	1.2	246	16%
<i>Temperature deg C</i>	1	22.0	22.4	1.54	19.5	23.7	10	7%
	2	22.2	22.4	2.02	17.1	27.0	27	9%
	3	21.1	21.3	1.86	18.1	24.8	34	9%
	4	23.5	24.0	2.63	17.2	29.7	25	11%
	5	22.5	22.5	2.46	18.7	28.7	36	11%
	6	22.1	21.8	2.36	16.5	27.0	28	11%
	7	21.5	21.4	1.65	17.7	25.4	29	8%
	8	22.2	22.9	2.12	17.6	24.5	21	10%
	9	23.3	23.2	2.48	16.4	28.0	23	11%
	10	22.8	22.7	2.49	19.1	27.5	13	11%
	System Wide	22.3	22.4	2.28	16.4	29.7	246	10%